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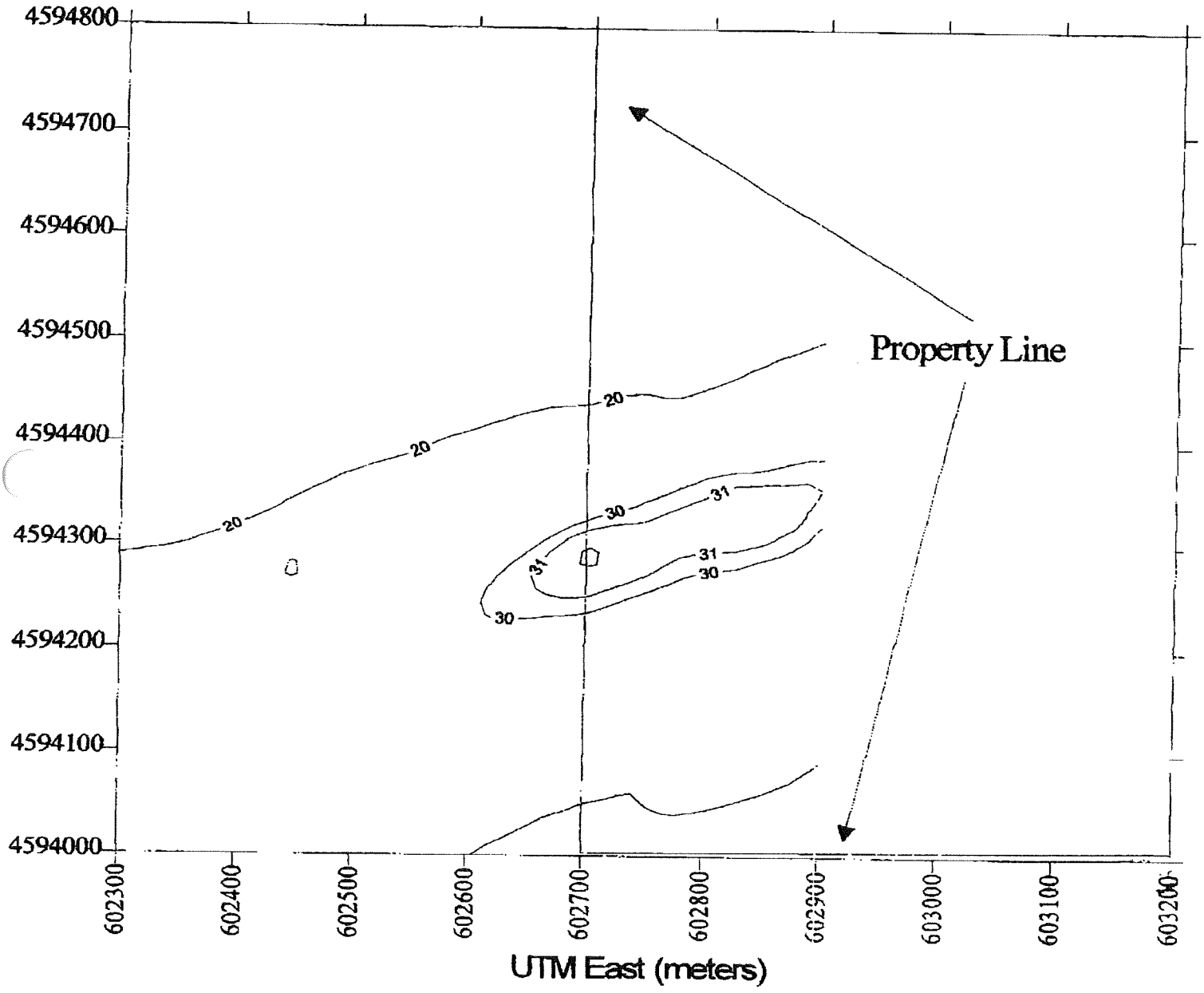
To Dolly Potter	From B. Birdsall	
Co./Dept. Solvay Mins	Co. Trinity Consult.	
Phone #	Phone #	
Fax # 307-872-6510	Fax #	

1989 Met Data
Off-property receptors with concnetrations greater than 30 ug/m^3 are shown in bold
Base elevations of all sources are from Solvay data

	602550	602575	602600	602625	602650	602675	602700	602725	602750	602775
4594400	18.87816 (890725)	20.47915 (890725)	21.40773 (890725)	22.28404 (890725)	21.62524 (890725)	21.80238 (891017)	21.46726 (891017)	22.12782 (890202)	23.45623 (890202)	24.86965 (890202)
4594375	21.73778 (890725)	22.76919 (890725)	23.24435 (890725)	22.39713 (890725)	21.49717 (891017)	22.58781 (890514)	24.05399 (890514)	25.64263 (890514)	26.89953 (890922)	28.14387 (890202)
4594350	23.42291 (890725)	22.45009 (890725)	22.15795 (890725)	22.89862 (890514)	24.23359 (890514)	25.80830 (890514)	27.55268 (890922)	28.31285 (890202)	29.57699 (890514)	30.42315 (890514)
4594325	22.05040 (890725)	22.78811 (890514)	24.36029 (890514)	25.72530 (890514)	26.95903 (890202)	28.61727 (890202)	**30.04505 (890202)**	30.89265 (890514)	31.00236 (890514)	31.39439 (890514)
4594300	23.44386 (890514)	24.98726 (890514)	26.77115 (890202)	28.21575 (890202)	29.49293 (890202)	**30.91719 (890202)**	**32.12619 (890514)**	31.57153 (890514)	31.76055 (890514)	31.41527 (890514)
4594275	25.11088 (890202)	26.48621 (890202)	28.53012 (890202)	29.88187 (890202)	**30.82295 (890514)**	**31.78186 (890514)**	**31.91308 (890514)**	31.79452 (890514)	31.29032 (890514)	30.43496 (890514)
4594250	26.63308 (890514)	27.82491 (890514)	29.64030 (890202)	**30.35375 (890514)**	**30.64552 (890514)**	**31.02979 (890514)**	**31.11393 (890514)**	30.39451 (890514)	29.70713 (890514)	29.15866 (890514)
4594225	27.62790 (890514)	29.14618 (890514)	29.62856 (890514)	29.96396 (890514)	29.83759 (890514)	29.51237 (890514)	29.29222 (890514)	28.60226 (890514)	28.05064 (890514)	27.06972 (890514)
4594200	27.58493 (890514)	28.76483 (890514)	28.56576 (890514)	28.65451 (890514)	28.13121 (890514)	27.67518 (890514)	27.33955 (890514)	26.89213 (890514)	26.59502 (890908)	26.82674 (890908)
4594175	27.88301 (890514)	27.30733 (890514)	27.51858 (890514)	26.80697 (890514)	26.30097 (890514)	26.05972 (890514)	25.64183 (890514)	26.05797 (890908)	25.97606 (890908)	26.11170 (890908)
4594150	26.33396 (890514)	26.05529 (890514)	25.69993 (890514)	25.11973 (890514)	24.80118 (890514)	24.84204 (890908)	25.39562 (890908)	25.32503 (890908)	25.49592 (890908)	25.42361 (890908)

—Dolly - The 25-m grid results yesterday were in error. The results (which match the 100-m grid results) are shown above with yesterdays culpability attached.

ISCST3 Model Run for Solvay Minerals
After Expansion, 24 Hour PM10 Emissions
2nd Highest Concentrations for All Sources
1989 AQD Meterological Data- Revison 3



ions shown in micrograms per cubic meter

Table 1. Contribution from individual sources.

UTM East, UTM North (m)	602700, 4594300
Source ID	
Date	890514
2A	1.380
6A	0.123
6B	0.310
7	0.489
10	0.072
11	0.032
14	0.056
15	2.692
16	0.649
17	2.517
18	2.205
19	1.722
24	0.204
25	0.658
26	0.392
27	0.349
28	2.121
30	0.087
31	0.088
35	0.524
36	0.050
37	0.050
38	0.045
39	0.044
41	0.082
44	0.097
45	0.104
46	0.543
47	2.608
48	2.951
50	0.442

Table 1. Contribution from individual sources (continued).

UTM East, UTM North (m)	602700, 4594300
Source ID	
Date	890514
51	1.043
52	0.295
53	0.263
54	0.133
55	0.302
62	0.089
63	0.126
64	0.074
65	0.030
66	0.375
67	0.294
68	0.168
70	0.129
71	0.126
72	0.029
73	0.510
76	1.589
79	0.290
80	1.523
81	0.336
82	1.153
83	0.163
Total	32.126